

IN THE CLAIMS

Please amend claims 1-2, 4-8, 10-14, and 16-21 as follows:

1. (CURRENTLY AMENDED) A method for specifying a location for an object in a drawing program comprising:

(a) obtaining a drawing having two or more existing objects in a drawing program;

(b) ~~obtaining identifying one or more of the~~ objects in the drawing program, wherein ~~one or more of the identified object objects~~ comprises a collection of one or more graphical elements;

(c) defining, without moving the identified object in the drawing, an automatic location property for ~~one or more of the identified~~ objects, wherein:

(i) the automatic location property provides a location, within the drawing, for the ~~one or more objects~~ identified object with respect to another object, area, or space; and

(ii) a value of a property of the ~~one or more objects~~ identified object is obtained from property data of the other object, area, or space based on the location of the ~~one or more objects~~ identified object.

2. (CURRENTLY AMENDED) The method of claim 1, wherein the automatic location property is part of a property set definition attached to ~~one or more of the objects~~ identified object.

3. (ORIGINAL) The method of claim 1, further comprising retrieving schedule data from the automatic location property.

4. (CURRENTLY AMENDED) The method of claim 1, wherein:
~~one or more of the objects~~ identified object comprises a door;
the automatic location property is used to create an automatic door number for the door based on a space the door is located in or near.

5. (CURRENTLY AMENDED) The method of claim 1, further comprising displaying a location grip wherein a position of the location grip in the drawing determines the object, area, or space where the ~~one or more objects are~~ identified object is located and where property data for the ~~one or more objects~~ identified object is obtained from.

6. (CURRENTLY AMENDED) The method of claim 5, further comprising modifying the object, area, or space where property data is obtained from by moving the location grip without moving the identified object.

7. (CURRENTLY AMENDED) An apparatus for specifying a location for an object in a computer drawing program comprising:

(a) a computer having a memory;

(b) an application executing on the computer, wherein the application is configured to:

(i) obtain a drawing having two or more existing objects;

(ii) ~~obtain identifying one or more of the~~ objects, wherein ~~one or more of the~~ objects the identified object comprises a collection of one or more graphical elements; and

(iii) define, without moving the identified object in the drawing, an automatic location property for one or more of the objects the identified object, wherein:

(1) the automatic location property provides a location, within the drawing, for the ~~one or more objects~~ identified object with respect to another object, area, or space; and

(2) a value of a property of the ~~one or more objects~~ identified object is obtained from property data of the other object, area, or space based on the location of the ~~one or more objects~~ identified object.

8. (CURRENTLY AMENDED) The apparatus of claim 7, wherein the automatic location property is part of a property set definition attached to ~~one or more of the objects~~ the identified object.

9. (ORIGINAL) The apparatus of claim 7, wherein the application is further configured to retrieve schedule data from the automatic location property.

10. (CURRENTLY AMENDED) The apparatus of claim 7, wherein:

~~one or more of the objects~~ the identified object comprises a door;

the automatic location property is used to create an automatic door number for the door based on a space the door is located in or near.

11. (CURRENTLY AMENDED) The apparatus of claim 7, wherein the application is further configured to display a location grip wherein a position of the location grip in the drawing determines the object, area, or space where the ~~one or more objects are identified~~ object is located and where property data for the ~~one or more objects identified~~ object is obtained from.

12. (CURRENTLY AMENDED) The apparatus of claim 11, wherein the application is further configured to modify the object, area, or space where property data is obtained from by moving the location grip without moving the identified object.

13. (CURRENTLY AMENDED) An article of manufacture comprising a program storage medium readable by a computer and embodying one or more instructions executable by the computer to perform a method for specifying a location for an object in an object-oriented computer drawing program, the method comprising:

(a) obtaining a drawing having two or more existing objects in a drawing program;
(b) ~~obtaining one or more objects identifying one of the objects in the drawing program,~~
wherein ~~one or more of the objects~~ the identified object comprises a collection of one or more graphical elements; and

(c) defining, without moving the identified object in the drawing, an automatic location property for ~~one or more of the objects~~ the identified object, wherein:

- (i) the automatic location property provides a location, within the drawing, for the ~~one or more objects identified~~ object with respect to another object, area, or space; and
- (ii) a value of a property of the ~~one or more objects identified~~ object is obtained from property data of the other object, area, or space based on the location of the ~~one or more objects identified~~ object.

14. (CURRENTLY AMENDED) The article of manufacture of claim 13, wherein the automatic location property is part of a property set definition attached to ~~one or more of the objects~~ identified object.

15. (ORIGINAL) The article of manufacture of claim 13, further comprising retrieving schedule data from the automatic location property.

16. (CURRENTLY AMENDED) The article of manufacture of claim 13, wherein:
~~one or more of the objects~~ the identified object comprises a door;
the automatic location property is used to create an automatic door number for the door based on a space the door is located in or near.

17. (CURRENTLY AMENDED) The article of manufacture of claim 13, further comprising displaying a location grip wherein a position of the grip in the drawing determines the object, area, or space where the ~~one or more objects~~ identified object is located and where property data for the ~~one or more objects~~ identified object is obtained from.

18. (CURRENTLY AMENDED) The article of manufacture of claim 17, further comprising modifying the object, area, or space where property data is obtained from by moving the location grip without moving the identified object.

19. (CURRENTLY AMENDED) The method of claim 1 further comprising automatically retrieving data for the ~~one or more objects~~ identified object from the other object, area, or space where the ~~one or more objects~~ identified object is located.

20. (CURRENTLY AMENDED) The apparatus of claim 7 wherein the application is further configured to automatically retrieve data for the ~~one or more objects~~ identified object from the other object, area, or space where the ~~one or more objects~~ identified object is located.

21. (CURRENTLY AMENDED) The article of manufacture of claim 13 wherein the method further comprises automatically retrieving data for the ~~one or more objects~~ identified object from the other object, area, or space where the ~~one or more objects~~ identified object is located.